

Title (en)
METHOD FOR THE GRANULATION OF AN ANIMAL FOOD ADDITIVE

Title (de)
VERFAHREN ZUR GRANULATION EINES TIERFUTTERMITTEL-ZUSATZES

Title (fr)
PROCEDE DE GRANULATION D'UN ADDITIF POUR L'ALIMENTATION ANIMALE

Publication
EP 1643853 A2 20060412 (DE)

Application
EP 04740096 A 20040619

Priority
• EP 2004006655 W 20040619
• DE 10331366 A 20030711

Abstract (en)
[origin: DE10331366A1] Granulation of feed additives, comprising amino acids and/or vitamins and optionally components of fermentation broths, is carried out in a circulating fluidized bed. An independent claim is included for granulated feed additives comprising 40-100 wt. % L-amino acids and up to 20 wt. % fermentation broth components and/or biomass formed during fermentation.

IPC 1-7
A23K 1/00; **B01J 2/16**; **A23K 1/16**

IPC 8 full level
A23K 1/00 (2006.01); **A23K 1/16** (2006.01); **A23L 29/281** (2016.01); **B01J 2/16** (2006.01)

CPC (source: EP KR US)
A23K 10/12 (2016.05 - EP KR US); **A23K 20/142** (2016.05 - EP KR US); **A23K 20/174** (2016.05 - EP KR US); **A23K 40/10** (2016.05 - EP KR US); **B01J 2/16** (2013.01 - EP KR US); **Y10S 426/807** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2005006875A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 10331366 A1 20050127; AT E376364 T1 20071115; BR PI0412507 A 20060905; BR PI0412507 B1 20140902; CN 100452983 C 20090121; CN 101317628 A 20081210; CN 1835685 A 20060920; DE 502004005329 D1 20071206; EP 1643853 A2 20060412; EP 1643853 B1 20071024; EP 1884168 A1 20080206; KR 101260519 B1 20130506; KR 101442946 B1 20140923; KR 20060033789 A 20060419; KR 20130010088 A 20130125; TW 200507764 A 20050301; TW I350731 B 20111021; US 2005025878 A1 20050203; US 2009196954 A1 20090806; US 7521080 B2 20090421; WO 2005006875 A2 20050127; WO 2005006875 A3 20050324

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